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Effect of Nutritional source on growth of *Diplocarpon rosae* causing Black spot of Rose (*Rosa indica* L.)

Yadav S.G.

Department of Botany ,Shivaji Mahavidyalaya Renapur District Latur: 413527 (M.S.)

Each microorganism requires proper nutritional source for their growth. The present investigation deals with the effect of three phosphate sources on the growth of *Diplocarpon rosae* causing Black spot of Rose (*Rosa indica* L.) belongs to family Rosaceae. Roses and their beautiful blooms captivate gardeners and flower lovers everywhere. The nutritional source (phosphate sources) like ammonium dihydrogen orthophosphate, potassium dihydrogen orthophosphate and sodium dihydrogen orthophosphate were used against the pathogen. In the result it was found that 0.1% concentration of ammonium dihydrogen orthophosphate and sodium dihydrogen orthophosphate reduced the growth while potassium dihydrogen orthophosphate stimulated the growth of *Diplocarpon rosae*.

Key-words: Phosphate sources, *Diplocarpon rosae*, Nutrition, Black spot Rose,